

In the Specification

Please amend the paragraph within the specification to the present application for invention beginning on page 6, line 25 to the following:

Figure 3 systematically shows a record carrier 1 according to the invention described with reference to Figure 1A., as well as playback device 20 according to the invention. The track 11 shown exhibits first variations caused by existence and nonexistence of information marks along the track. The first variations represent an information signal recorded onto said record carrier. The information signal can be ~~is in case~~ a runlength sequence of bits. In particular the information signal is encoded according to the EFM-code. The track also exhibits second variations caused by variations associative with the information marks. In the embodiment shown the second variations are in the form of a radial wobble of the track as described with reference to Figure 1A. The phase of the second variations is coupled to those of the first variations. In the embodiment shown the phase of the second variations is coupled to those of the first variations in that each EFM-frame corresponds to three periods of the wobble in the track, and starts at a zero crossing of the radial wobble.

Please amend the paragraph within the specification to the present application for invention beginning on page 7, line 15 to the following:

In the present embodiment the first and second phase are selected such that a zero crossing of the second variations coincides with the start of an EFM-frame. This has the advantage of that the EFM-frame sync can be used easily also for synchronizing the clock which is used for detecting the second variations. However any predefined ~~predefined~~ phase relationship between the first and second variations could be used, provided that it is either standardized, or that the phase relationship is recorded at the record carrier. The playback device 20 shown in Figure 3 comprises a transducer unit for scanning the record carrier 1, with tracks 10, 11, 12. The transducer unit is adapted to detect the first variations and the second variations. In the embodiment shown the transducer unit comprises an optical unit and a first, a second, and a third detector 28_A, 20_B, 20_C. The optical unit projects a central spot B and two satellite spots A, C at the record carrier. As the three beam method as such as well known, the optical unit is not shown. The radiation reflected from said spots A, B, C is detected by the first 20_A, the second

20_B, and the third 20_C. The playback apparatus further comprises a first 22 and a second recovery unit 23 coupled to the transducer unit. The first 22 and the second recovery unit 23 respectively recover a clock signal CL and information signal S_{out} from the first variations. The playback apparatus 20 further comprises a detection unit 24 for detecting whether said second variations exhibit a predetermined variation pattern on the basis of the least one signal S_A, which is at least indicative of said second variations, which originates from said transducer unit. The playback apparatus further comprise an enabling unit 25 enabling the second recovery unit 24 to recover the information signal S_{out} when said detection units 24 detects said predetermined variation pattern.

Please amend the ABSTRACT within the specification beginning on page 12, line 1 to the following:

ABSTRACT:

An information system according to the invention comprises a record carrier (1) and a playback apparatus (20). The record carrier has information marks along a track (11) thereof and exhibits first variations caused by existence and nonexistence of the information marks along the track. The first variations represent an information signal recorded on said record carrier. The record carrier further exhibits second variations (W) caused by variations associated with the information marks. The phase of the second variations is coupled to the phase of the first variations.

~~A playback apparatus (20) according to the invention includes a transducer unit (20_A, 20_B, 20_C) for scanning said record carrier (1). The transducer unit is adapted to detect said first variations and said second variations. The apparatus further includes a first recovery unit (22) coupled to the transducer unit (20_A, 20_B, 20_C) for recovering a clock signal (CL) from the first variations and a second recovery unit (23) coupled to the transducer unit (20_A, 20_C, 20_C) for recovering an information signal (S_{out}) from the first variations. The apparatus further includes a detection unit (24) for detecting whether said second variations exhibit a predetermined variation pattern on the basis of at least one signal (S_A), which is at least indicative of said second variations, originating from said transducer unit. The detection unit (24) using the said clock signal (CL) generated by the first recovery unit (22) for detecting. Further an enabling unit (5) is included for enabling said second recovery unit (23)~~

to recover the information signal (Sout) when said detection unit detects (24) said predetermined variation pattern.

Figure 3

A3
